BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI VILLAGE COLONY AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 7

Item Name: Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 32mm nominal OD pipes

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	from raghavendra sweets to MES main road (LHS)								
		14	2.10					29.40	
	from raghavendra sweets to MES main road (RHS)								
		13	2.10					27.30	
	7th cross road from indira canteen to 1st main road(LHS)								
		14	2.10					29.40	
	6th cross (LHS)								
		13	2.10					27.30	
	6th cross (RHS)								
		15	2.10					31.50	
	5th cross (LHS)								
		15	2.10					31.50	
	5th cross (RHS)								
		14	2.10					29.40	
	4th cross upto A cross (LHS)								
		13	2.10					27.30	
	3rd cross (LHS)								
		12	2.10					25.20	
	2nd main road from circle to 3rd cross connection (LHS)								
		14	2.10					29.40	
	2nd main road from circle to 3rd cross connection (RHS)								
		13	2.10					27.30	
	3rd cross 1st sub road (LHS)								
		14	2.10					29.40	
	3rd cross 2nd sub road (LHS)								
		15	2.10					31.50	

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SLNO	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)	(m)	(m)		
	3rd cross 3rd sub road (LHS)								
		16	2.10					33.60	
	3rd cross 3rd sub road (LHS) upto A cross sharada ladies tailor								
		14	2.10					29.40	
	3rd cross 3rd sub road (RHS) upto A cross sharada ladies								
		15	2.10					31.50	
	A cross upto water tank from 4th cross (LHS)								
		14	2.10					29.40	
	A cross upto water tank from 4th cross (RHS)								
		15	2.10					31.50	
	from 3rd cross sub road to 2nd cross (LHS)								
		14	2.10					29.40	
	2nd cross (LHS)								
		13	2.10					27.30	
	2nd cross sub road (LHS)								
		14	2.10					29.40	
	2nd main road from 3rd cross to 4th cross (LHS)								
		15	2.10					31.50	
	2nd main road from 3rd cross to 4th cross (RHS)								
		14	2.10					29.40	
	sub road from 5th cross to 4th cross upto hanumanth temple								
		14	2.10					29.40	
	sub road from 5th cross to 4th cross upto hanumanth temple								
		13	2.10					27.30	
	4th cross sub road connecting to 3rd cross (LHS)								
		14	2.10					29.40	
	4th cross sub road connecting to 3rd cross (RHS)								
		14	2.10					29.40	
	3rd main road (RHS)								
		15	2.10					31.50	
	3rd main road (LHS)								
		15	2.10					31.50	
	6th cross from 4th cross to water tank (LHS)								
		16	2.10					33.60	
	6th cross from 4th cross to water tank (RHS)								
		14	2.10					29.40	
	from jalahally village bus stop to 9th main road sharadamba nagara (LHS)								
		13	2.10					27.30	

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SLNO	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)	(m)	(m)		
	From annapoorenswari coffee work to Jalahalli village Bus stop(LHS)								
		15	2.10					31.50	
	From annapoorenswari coffee work to Jalahalli village Bus stop(RHS)								
		12	2.10					25.20	
							Total Qty Work Done	1003.80	Mtr
							Qty Payable in this bill	975.45	Mtr

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Asst Engineer
Ward no.16,BBMP

14/3/18

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP
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5/3/18

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI VILLAGE COLONY AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 8

Item Name: KSRB 6-1.2 : Providing and constructing burnt brick masonry for basement and superstructure with approved quality of non-modular bricks of standard size of class designation 3.5Newton per sqmm with cement mortar1:8 including cost of

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	from raghavendra sweets to MES main road (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	from raghavendra sweets to MES main road (RHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	7th cross road from indira canteen to 1st main road(LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	6th cross (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	6th cross (RHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	5th cross (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	5th cross (RHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	4th cross upto A cross (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	3rd cross (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	2nd main road from circle to 3rd cross connection (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	2nd main road from circle to 3rd cross connection (RHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	3rd cross 1st sub road (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	3rd cross 2nd sub road (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	3rd cross 3rd sub road (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	3rd cross 3rd sub road (LHS) upto A cross sharada ladies tailor									
			4	0.45	0.23	0.23	0.23	0.300	0.12	

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	3rd cross 3rd sub road (RHS) upto A cross sharada ladies tailor									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	A cross upto water tank from 4th cross (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	A cross upto water tank from 4th cross (RHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	from 3rd cross sub road to 2nd cross (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	2nd cross (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	2nd cross sub road (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	2nd main road from 3rd cross to 4th cross (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	2nd main road from 3rd cross to 4th cross (RHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	sub road from 5th cross to 4th cross upto hanumanth temple (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	sub road from 5th cross to 4th cross upto hanumanth temple (RHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	4th cross sub road connecting to 3rd cross (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	4th cross sub road connecting to 3rd cross (RHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	3rd main road (RHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	3rd main road (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	6th cross from 4th cross to water tank (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	6th cross from 4th cross to water tank (RHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	from jalahally village bus stop to 9th main road sharadamba nagara (LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	
	From annapoorenswari coffee work to Jalahalli village Bus stop(LHS)									
			4	0.45	0.23	0.23	0.23	0.300	0.12	

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SLNO	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)	(m)	(m)		
	From annapoorenswari coffee work to Jalahalli village Bus stop(RHS)								
		4	0.45	0.23	0.23	0.23	0.300	0.12	
							Total Qty Work Done	4.22	Cum
							Qty Payable in this bill	3.73	Cum

Contractor Representative

Asst Engineer
Ward no.16,BBMP 15/3/18

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI VILLAGE COLONY AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 9

Item Name: KSRB13-6.1-3 : Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	from raghavendra sweets to MES main road (LHS)								
		14						14.00	
	from raghavendra sweets to MES main road (RHS)								
		13						13.00	
	7th cross road from indira canteen to 1st main road(LHS)								
		14						14.00	
	6th cross (LHS)								
		13						13.00	
	6th cross (RHS)								
		15						15.00	
	5th cross (LHS)								
		15						15.00	
	5th cross (RHS)								
		14						14.00	
	4th cross upto A cross (LHS)								
		13						13.00	
	3rd cross (LHS)								
		12						12.00	
	2nd main road from circle to 3rd cross connection (LHS)								
		14						14.00	
	2nd main road from circle to 3rd cross connection (RHS)								
		13						13.00	
	3rd cross 1st sub road (LHS)								
		14						14.00	
	3rd cross 2nd sub road (LHS)								
		15						15.00	
	3rd cross 3rd sub road (LHS)								
		16						16.00	
	3rd cross 3rd sub road (LHS) upto A cross sharada ladies tailor								

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	From annapoorenswari coffee work to Jalahalli village Bus									
			12							
									12.00	
						Total Qty Work Done			478.00	No's
						Qty Payable in this bill			464.00	No's

Contractor Representative

Asst Engineer
Ward no.16,BBMP

18/2/18

CIVIL QUALITY CONSULTANTS & ENGINEERS
Bangalore

Consultant Representative

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI VILLAGE COLONY AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 10

Item Name: KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	from raghavendra sweets to MES main road (LHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	120.00	150.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	150.00	180.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	180.00	210.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	210.00	240.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	240.00	270.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	270.00	300.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	300.00	330.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	330.00	360.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	360.00	375.00	1	15.00	0.30	0.30	0.30	0.500	2.25	
	from raghavendra sweets to MES main road (RHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	120.00	150.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	150.00	180.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	180.00	210.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	210.00	240.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	240.00	275.00	1	35.00	0.30	0.30	0.30	0.500	5.25	
	7th cross road from indira canteen to 1st main road(LHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.500	4.50	
	90.00	119.00	1	29.00	0.30	0.30	0.30	0.500	4.35	
	6th cross (LHS)									

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI VILLAGE COLONY AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	11									
Item Name:	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH - 100/ Chapter 1 Case-I : Surface Road KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1								
SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	
	Qnty Vide From Item No 1									
								1858.00		
	50% Qnty Vide From Item No 2									
								397.15		
							Total Qty Work Done	2255.15	Cum	
							Qty Payable in this bill	2255.15	Cum	

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Asst Engineer
Ward no.16,BBMP
30/8/18

Asst Executive Engineer
Yashwanthapura Sub Division,BBMP
30/8/18

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